



#3/I.D.S.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Complete if Known

Application Number	09/982,968
Filing Date	22 October 2001
First Named Inventor	Charles B. GRISSOM
Group Art Unit	1635
Examiner Name	

JAN 07 2002

Sheet

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of

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Attorney Docket Number

2317-107

U.S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
J3	1	4758421		Goodwin et al.	07-19-1988
	2	5047227		Rodwell et al.	09-10-1991
	3	5428023		Russell-Jones et al.	06-27-1995
	4	5512443		Schlom et al.	04-30-1996
	5	5589463		Russell-Jones et al.	12-31-1996
	6	5608046		Cook et al.	03-04-1997
	7	5763569		Brown et al.	06-09-1998

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
J3	8	WO	95/27723		Morgan et al.	10-19-1995	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
J3	9	Russell-Jones, G.J., et al., "Vitamin B ₁₂ Mediated Oral Delivery Systems for Granulocyte-Colony Stimulating Factor and Erythropoietin", <i>Bioconjugate Chem.</i> , 1995, 6:459-465.	
J3	10	Routier, S. et al., "Synthesis of metal complexes of 2,9-bis(2-hydroxyphenyl)-1,10-phenanthroline and their DNA binding and cleaving activities", <i>J Chem Soc Perin Trans</i> , 1998, 2:863-868.	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



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83	11	Osinsky, S.P. et al., "Modifying Effect of Organocobalt Complexes on the Tumour Response to Anticancer Treatments", <i>Anticancer Res</i> , 1997, 17:3457-3462.	✓
	12	Mandal, S.S. et al., "Role of the Central Metal Ion and Ligand Charge in the DNA Binding and Modification by Metallosalen Complexes", <i>Bioconjugate Chem</i> , 1997, 8:798-812.	✓
	13	Marzilli, L.G. et al., "Transfer of Organometallic Chemistry of Substituent Constants form Organic Chemistry. 1. Resolution of Longstanding Anomalies in the Chemistry of Organocobalt B ₁₂ Models and Organocobalamins", <i>J Am Chem Soc</i> , 1987, 109:6045-6052.	✓
	14	Vol'pin, M. et al., "New Course in the Search for Antitumor Agent: The Use of pH-Dependent Sources of Reactive Radicals", <i>Agnew Chem Int Ed Engl</i> , 1996, 35:2395-2396.	✓
	15	Natarajan, E.N and Grissom, C.B., "Magnetic Field Effects on the Photolysis of Alkyl-Cobalt Complexes", <i>Abstracts of Papers of Am Chem Society</i> , 1996, 213:17-INOR.	✓
	16	Grissom, C.B. and Chagovetz, A.M., "Magnetic Field Effects in Model B12 Enzymatic Reactions. The Photolysis of Methylcob(III)alamin", <i>Zeit Physik Chem</i> , 1993, 182:181-188.	✓
	17	Verma, I.M. and Somia, N., "Gene therapy - promises, problems and prospects", <i>Nature</i> , 1997, 389:239-242.	✓
	18	Crystal, R.G., "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", <i>Science</i> , 1995, 270:404-410.	✓
	19	Branch, A.D., "A good antisense molecule is hard to find", <i>Trends Biochem Sci</i> , 1998, 23:45-50.	✓
	20	Friedman, T., "Overcoming the Obstacles", <i>Scientific American</i> , June 1997, 96-101.	✓
	21	Schofield, J.P. and Caskey, C.T., "Non-viral approaches to gene therapy", <i>Bri Med Bull</i> , 1995, 51:56-71.	✓
	22	Cooke, S.T., "Basic Principles of Antisense Therapeutics", in <i>Antisense Research and Application</i> , 1998, 1-50, Agrawal, T. et al., eds., Springer-Verlag, Berlin.	✓
	23	Hogenkamp, H.P.C. et al., "Diagnostic and Therapeutic Analogues of Cobalamin", in <i>Chemistry and Biochemistry of B12</i> , 1999, 386-410, Banerjee, R. ed., John Wiley & Sons, New York.	

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⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind

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A. Bayomi et al., "Preparation and Study of Photolabile Cobalt-Antitumor Drug Conjugates," S297, September 1996, XP-001073707 (online abstract).

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